

★ news release

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## NEWS NOTES FROM THE FISH AND WILDLIFE SERVICE

Bozeman, Mont.: The first successful artificial spawning of Montana grayling has been reported by the Bozeman National Fish Hatchery. The colorful grayling, allied to the trout family, is on the Department of the Interior's endangered species list and the artificial spawning represents a major breakthrough in United States fish culture. Formerly, grayling eggs were taken in the wild for rearing in hatcheries.

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Marquette, Mich.: The Bureau of Commercial Fisheries says electrical traps in streams flowing from the United States into Lake Superior have caught only about 6,000 sea lampreys so far this year. Based on similar annual counts over the past eight years, the 1965 lamprey run will probably total between 9 and 12 thousand, a reduction of more than 75 percent from the average before a widespread chemical-control program began in 1958. The lamprey is a predator that has drastically reduced fish populations, especially lake trout, in the Great Lakes.

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Somerset Hills, N. J.: The Somerset Hills Garden Club, recent winner of the coveted Founder's Fund Award of the Garden Club of America, will use the \$3,000 grant accompanying the award to construct a wildlife observation center on the new Great Swamp National Wildlife Refuge. When completed, the center will be presented to the Department of the Interior's Bureau of Sport Fisheries and Wildlife for operation and maintenance.

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### Steelhead Eggs Shipped to Soviet Union

Estacada, Ore.: Approximately 100,000 steelhead trout eggs have been flown to the Soviet Union from the Eagle Creek National Fish Hatchery in Oregon. The eggs, packed in an insulated carton, were sent in return for Atlantic and sockeye salmon eggs from the Soviet Union. Steelhead are rainbow trout that have become anadromous, that is, living in the ocean and returning to streams to spawn. The exchanged eggs are used for experimental stocking.

The exchange was arranged by the Department of the Interior's Fish and Wildlife Service.

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### Four Whooping Crane Eggs Found In One Nest

Washington, D. C.: A whooping crane pair has made a vigorous response to the call for greater efforts to save endangered species of wildlife. An aerial survey crew of the Canadian Wildlife Service has reported finding four whooping crane eggs in one nest. Whoopers normally lay only two eggs. Three other nests with eggs were sighted, but one nest has been abandoned.

Whooping cranes are on the Department of the Interior's list of wildlife species in danger of extinction. There were only 42 known wild whoopers when the birds started north for the Canadian nesting grounds in April. They spend the winter at Aransas National Wildlife Refuge in Texas, operated by Interior's Fish and Wildlife Service.

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### Brown Shrimp Reared in Laboratory for First Time

Galveston, Tex.: Scientists at the Department of the Interior's Bureau of Commercial Fisheries Biological Laboratory here have for the first time successfully reared brown shrimp to the postlarval stage under laboratory conditions. The shrimp were developed from eggs fertilized artificially in the laboratory.

The culture of young shrimp will provide a reliable source of test animals for studying the effects of pollution on this commercially valuable species.

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### Shark Repellent Tests Discouraging

La Jolla, Calif.: Commercial repellents and several other chemical formulas, as well as sound waves, were found relatively ineffective against sharks during recent tests by the Bureau of Commercial Fisheries Laboratory at La Jolla. Sharks are responsible for serious economic losses to commercial tuna fishermen. Experiments were conducted on sharks attracted by bait released from a vessel.

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